



FIELD
AVIATION

Benefits

- Transmits on all three emergency frequencies
- Meets all latest regulatory requirements pertaining to ELTs

Kit Content

- ELT transmitter
- Remote activation switch
- Antenna
- Buzzer
- Wiring and sheet metal parts
- Installation data package
- Certification documentation

Typical Lead Time

- 4 weeks ARO

Certification Basis

- TC STC
- FAA STC
- EASA STC

Three Frequency ELT

DHC-8 100/200/300

The FIELD AVIATION STC for the Artex 406 MHz three frequency Emergency Locator Transmitter (ELT) provides transmission on all 3 emergency frequencies (121.5, 243.0 and 406 MHz). This third generation ELT system is designed to meet or exceed the requirements of TSO-C91a, FAR Part 91 and CAR Part V, Subpart 551.104.

The ELT automatically activates during a crash and transmits the standard swept tone on 121.5 and 243.0 MHz. It also transmits a 406 MHz encoded digital message to the Cospas/Sarsat satellite system, which allows for rapid identification and reduces search and rescue response time.

The C406 ELT meets the rigorous testing requirements of TSO C126 including 500g shock, 1000 pound crush and flame and vibration tests.

The kit can be provided with either the C406-N or C406-2 ELT, with or without a navigation interface. With the navigation interface, the aircraft latitude and longitude will be transmitted with an accuracy of 100 meters.

The remote switch panel is based on an existing Pointer Sentry 4000 installation. A programming adapter can be provided to retain the aircraft information in the event an ELT is replaced.



www.fieldav.com

1 905.676.1540

customersupport@fieldav.com

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